

Valve Mechanism For Tube-Type Fluid Container

Abstract of the Disclosure

A valve mechanism adapted for a fluid-discharging port of a tube-type fluid container, comprising: a valve seat portion 40 having an opening 41 through which a fluid flows; a valve portion 20 comprising a valve body 21 having a shape corresponding to the opening 41, and a shaft 22 connected to the valve body 21 and extending downward from the valve body 22; and a valve support portion 30 comprising: (i) a bottom plate 39 to which a tip of the shaft 22 is connected; (ii) an annular support 35 fixedly connected to the valve seat portion 40; and (iii) multiple connectors 32 connecting the bottom plate 39 and the annular support 31, the connectors 32 elastically urging the bottom plate 39 downward to close the opening 41 with the valve body 21 and being bendable as the bottom plate 39 moves upward and pushes the valve portion 20 to open the opening 41.

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